

Title (en)  
2'-DEOXY-5-FLUOROURIDINE DERIVATIVES

Publication  
**EP 0331032 B1 19930428 (EN)**

Application  
**EP 89103261 A 19890224**

Priority  
JP 4786488 A 19880229

Abstract (en)  
[origin: EP0331032A1] 2 min -Deoxy-5-fluorouridine derivatives of the formula <CHEM> wherein, R<1> is hydrogen atom or an acyl group and R<2> and R<3> are respectively hydrogen atom, an acyl group or a group of the formula <CHEM> wherein X<1> and X<2> are respectively oxygen atom or sulfur atom; R<4> is a phenyl group, a benzyl group or a naphthyl group each of which may be substituted by an alkyl group, an alkoxy group, an alkoxy carbonyl group, an alkylthio group, an acyl group, a halogen atom, trifluoromethyl group, nitro group, cyano group, carboxyl group and/or methylenedioxy group and R<5> is an alkyl group, an alkenyl group or one of the groups represented by R<4> which is the same as or different from R<4>, at least one of R<2> and R<3> being a group of the formula <CHEM> which exhibit excellent antitumour activities and have lower toxicity, methods of the production thereof and antitumour compositions containing said 2 min -deoxy-5-fluorouridine derivatives.

IPC 1-7  
**A61K 31/70**; **C07H 19/10**

IPC 8 full level  
**A61K 31/70** (2006.01); **C07H 19/10** (2006.01)

CPC (source: EP KR US)  
**C07H 19/067** (2013.01 - KR); **C07H 19/10** (2013.01 - EP US)

Cited by  
US6140310A; US5789608A; US5627165A; US5233031A; AU651835B2; WO0077014A1; WO9306120A1; WO9119721A1

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**EP 89103261 A 19890224**; AT 89103261 T 19890224; AU 3015289 A 19890221; CA 592229 A 19890227; CN 89101035 A 19890228; DE 68906183 T 19890224; ES 89103261 T 19890224; KR 890002397 A 19890228; US 31492489 A 19890224